

Table A-17. Science, engineering, and health postdoctoral appointees in doctorate-granting institutions, by field, source of support, and number of postdoctoral appointees who were non-U.S. citizens: 1995

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Field	Total	Source of support				Number of post-doctoral appointees who were non-U.S. citizens	
		Federal			Non-Federal		
		Total	Fellowships	Trainee-ships			
Total, all surveyed fields	35,379	24,330	3,136	2,721	18,473	11,049	17,377
Total, science and engineering fields	25,995	18,884	1,929	1,315	15,640	7,111	13,217
Sciences, total	23,367	17,091	1,869	1,289	13,933	6,276	11,576
Physical sciences	5,768	4,593	311	73	4,209	1,175	3,223
Astronomy	263	233	32	0	201	30	86
Chemistry	3,581	2,764	206	68	2,490	817	2,106
Physics	1,821	1,514	66	5	1,443	307	983
Physical sciences, n.e.c.	103	82	7	0	75	21	48
Earth, atmospheric, & ocean sciences	841	687	41	5	641	154	341
Atmospheric sciences	88	83	0	0	83	5	34
Geosciences	434	353	13	1	339	81	200
Oceanography	258	215	26	3	186	43	84
Earth, atmos., & ocean sci., n.e.c.	61	36	2	1	33	25	23
Mathematical sciences	255	168	35	5	128	87	144
Computer sciences	212	155	5	3	147	57	100
Agricultural sciences	690	408	15	1	392	282	307
Biological sciences	14,658	10,472	1,326	1,061	8,085	4,186	7,232
Anatomy	528	403	40	51	312	125	216
Biochemistry	2,410	1,893	202	119	1,572	517	1,247
Biology	1,601	1,201	191	41	969	400	750
Biometry/epidemiology	143	114	19	62	33	29	63
Biophysics	230	177	25	5	147	53	124
Botany	654	485	41	0	444	169	277
Cell biology	1,725	1,105	227	67	811	620	837
Ecology	96	65	7	0	58	31	30
Entomology/parasitology	179	125	9	1	115	54	58
Genetics	731	452	70	53	329	279	349
Microbio., immunology, & virology	1,952	1,432	145	190	1,097	520	1,010
Nutrition	186	108	6	14	88	78	103
Pathology	1,180	736	59	158	519	444	639
Pharmacology	1,408	1,079	151	155	773	329	719
Physiology	1,026	753	92	110	551	273	541
Zoology	164	102	16	10	76	62	62
Biosciences, n.e.c.	445	242	26	25	191	203	207
Psychology	572	419	82	114	223	153	115
Social sciences	371	189	54	27	108	182	114
Agricultural economics	39	26	1	0	25	13	18
Anthropology (cultural & social)	67	18	7	0	11	49	11
Economics (except agricultural)	26	11	0	2	9	15	9
Geography	20	13	0	0	13	7	10
Linguistics	16	3	0	1	2	13	5
Political science	36	6	1	2	3	30	11
Sociology	85	67	20	17	30	18	19
Sociology/anthropology	0	0	0	0	0	0	0
Social sciences, other	82	45	25	5	15	37	31
Engineering, total	2,628	1,793	60	26	1,707	835	1,641
Aerospace engineering	101	81	0	0	81	20	65
Agricultural engineering	46	21	0	0	21	25	33
Biomedical engineering	134	104	13	19	72	30	59
Chemical engineering	569	375	8	6	361	194	355
Civil engineering	200	113	4	0	109	87	125
Electrical engineering	378	282	4	0	278	96	240
Engineering science	101	79	8	1	70	22	58
Industrial eng./manufacturing eng.	29	11	0	0	11	18	10
Mechanical engineering	402	293	11	0	282	109	267
Metallurgical/materials eng.	490	306	9	0	297	184	328
Nuclear engineering	28	15	0	0	15	13	19
Engineering, other	150	113	3	0	110	37	82

See explanatory information, if any, and SOURCE at end of table.

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Field	Total	Source of support				Number of post-doctoral appointees who were non-U.S. citizens	
		Federal			Non-Federal		
		Total	Fellowships	Trainee-ships			
Total, health fields	9,384	5,446	1,207	1,406	2,833	3,938	4,160
Clinical fields	7,085	4,012	997	1,127	1,888	3,073	3,212
Dental sciences	227	104	15	55	34	123	60
Nursing	43	35	14	11	10	8	0
Pharmaceutical sciences	504	328	25	9	294	176	299
Preventive medicine/community health	291	225	48	52	125	66	84
Speech pathology/audiology	52	44	7	11	26	8	14
Veterinary sciences	159	82	4	9	69	77	64
Other health fields	1,023	616	97	132	387	407	427

NOTE: For 1991 and earlier years, permanent residents were included under "non-U.S. citizens". Beginning in 1992, permanent residents were included with U.S. citizens.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Graduate Students and Postdoctorates in Science and Engineering